



Week: October 6-11, 2	014	Project No:	1305
Rain Days/Weather Conditions:	Rained 0.6" Monday-Tuesday, 0.8' on Thursday, & .0.7" on Friday for a total of 2.1" this week (Burkesville gauge).		
Personnel on-site:	EcoGro/Ridgewater: John Arthur, Tony Berry, Tom Cutter, Eric Dawalt, Jim Hanssen, Jon Linder, Chad Relinski, Brad Redmon, & Russ Turpin. Stantec: N/A		
Equipment on-site:	TA27, Bob		w/ hyd. thumb, Terex
Material deliveries to project site:	• N	/A	
Work performed this week:	riçi al se fe al se e e e e e e e e e e e e e e e e e e	567' and compacting clabucket. Once above the existing compacted clay core wawith a sheepsfoot compacted clay core was built to the clay core two burieds elevation 580' and one soil trench excavated for	channel. It was of the soil due to water a buried "solution roughly horizontal and ch layer of manganese, ibly at a former water table vered in rock) in existing ow from Hatchery into temporary rock dam that bage was installed the as needed to keep the trout annel until they could be WS personnel. RT Sta. 115+00 to de of ravine riffle at ~RT under existing bridge. The existing ravine compacted soil fill (but not entered at~25 LT from Il reduce seepage from ravine toward the river. 5-foot wide key ~ 5' stream grade to elevation by in it with the excavator stream grade, the s constructed 15+' wide factor. up to elev. 577' this week. olution features, one at
Erosion & sediment controls installed:	⊹ In	stalled rock check dam in ravin	e downstream of fill area.





Work scheduled for next week:	 Continue excavating for floodplain and channel upstream of Campground Road (113+00 to 116+80) and haul clay to ravine. Finish compacted clay fill in ravine stream crossing ~Sta. 106+00 to 106+60. Continue delivering boulders for step pools and start delivering 18" D50 rock for step pools as weather allows. Sieve 12"+ rock from previously sieved rock (6"+) at Disposal Area.
Work planned for two weeks ahead:	Construct channel from ~Sta. 110+00 to 116+80. Continue delivering boulders and 18" D50 rock for step pools as weather allows.
General Comments:	 The 2"+ of rain reduced production this week. We are over-excavating the upper solution feature adjacent to ravine in order to prevent seepage from the stream through it.
Prepared by: Eric Dawalt, P.E.	Date : 10-13-14

Pictures from this week's construction:



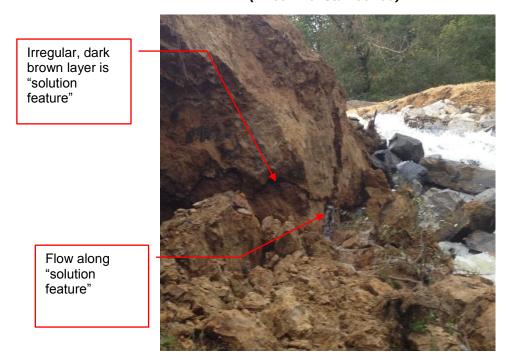
Installing temporary clay dam in existing "rip rap channel" in Public Fishing Area (~Sta.104+00) to divert all flow into temporary diversion channel. It was subsequently covered in rock.







Mass slope failure of existing ravine soil slope on right side of temporary diversion rock chute channel (~200 LT of Sta.106+00).



Close up of same photo showing "solution feature" in soil with water pouring out of it.







Repairing mass slope failure of ravine soil bank adjacent to temporary diversion channel. (~200 LT of Sta.105+50).



Clearing trees in ravine downstream of bridge (looking downstream/LT from RT Sta.106+30).







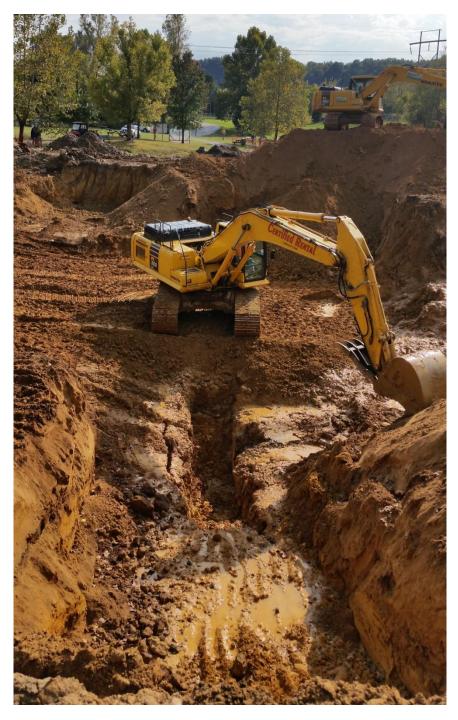
Ravine after clearing. (Looking upstream/RT at ~Sta.106+00).



Filling ravine with compacted soil fill (Looking upstream/RT at ~Sta.106+00). Pool subgrade under bridge was raised 8'+ to protect bridge abutments and reduce risk to fisherman and pedestrians of deep pools with steep banks.







Excavating trench to install compacted clay core (looking upstream across ravine toward Hatchery at ~LT Sta.107+00).



Weekly Construction Report

Hatchery Creek Design/Build Project





Core trench showing "solution feature" layers in existing ravine soil bank similar to layer along temporary diversion (looking downstream from ravine at ~LT Sta.106+60).



"Solution feature" layer (brownish/blackish mineral layer) in existing ravine soil bank (6" scale shown for reference).







Compacting clay core built up to ~ Elev. 577' (looking downstream across ravine at ~LT Sta.105+80).



This salamander was rescued from construction area and placed in the woods. The new stream and wetlands will provide much more habitat for salamanders and amphibians, as well as trout.